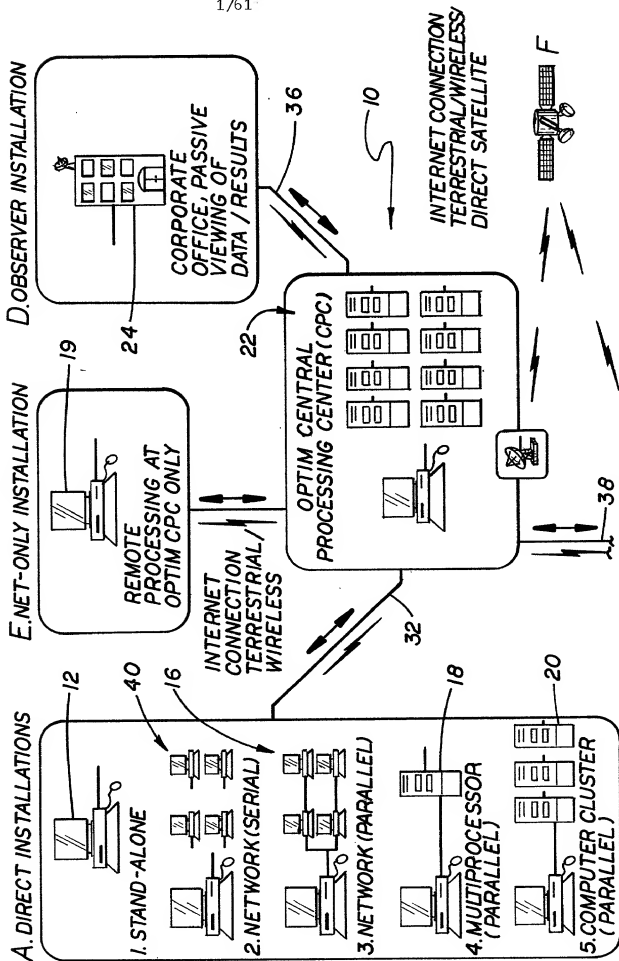
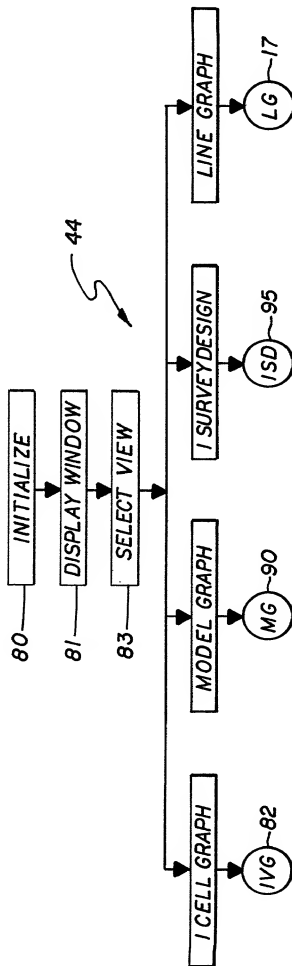
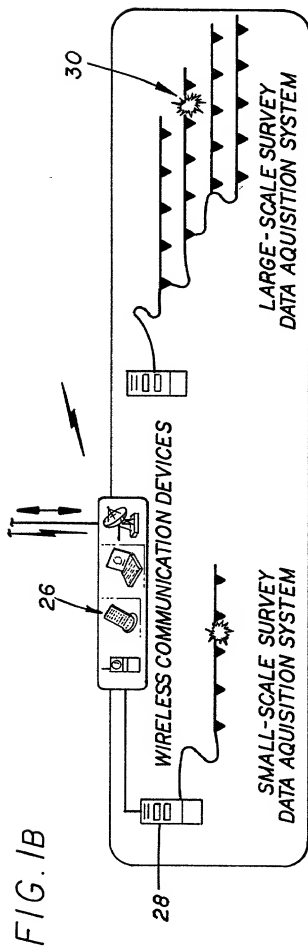


FIG. 1A





113 CLIENT DATA (A)

40

FIG. 2A

INPUT DATA FILTER (B)  
 CONVERTS FROM SIP, GREMIX, ABEM, TENALOC,  
 VIEWSEIS, GREEN MOUNTAIN, SEIS REFA FORMATS

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REFRACTION INVERSION  
 AND OPTIMIZATION SOFTWARE  
 (RIOTS) (C)

SEISOPT@2D GUI  
 RAPID VISUALIZATION  
 SOFTWARE (RAVISH) (D)

RIOTS SETTINGS  
 (RIOTSINPUT FILE)  
 (C1)

41

44

(C2)

VELFILE

50

HITFILE

52

PICKFILE

54

ERRORFILE

56

SURVEYFILE

58

VISUALIZE

IVG

82

IVG

MG

90

LG

ISD

63

PRESS PRINT TO  
 PRINT TO PRINTER  
 (D2)

PICK EXPORT  
 EXPORT FITS TO  
 SPREADSHEET  
 TO PLOT GRAPH  
 (G)

69

VELPLOT (VELOCITY FILE FOR  
 MAKE EPS) 62  
 HITPLOT (HITCOUNT FILE FOR  
 MAKE EPS) 64  
 (C3)

VELVALUES  
 (ASCII OUTPUT OF VELOCITY  
 VALUES) 65  
 HITVALUES  
 (ASCII OUTPUT OF HITCOUNT  
 VALUES) 66  
 (C4)

65

66

68

PLOTINPUT  
 CONTROL FILE  
 FOR MAKE EPS  
 (C5)

67

09811071.122701

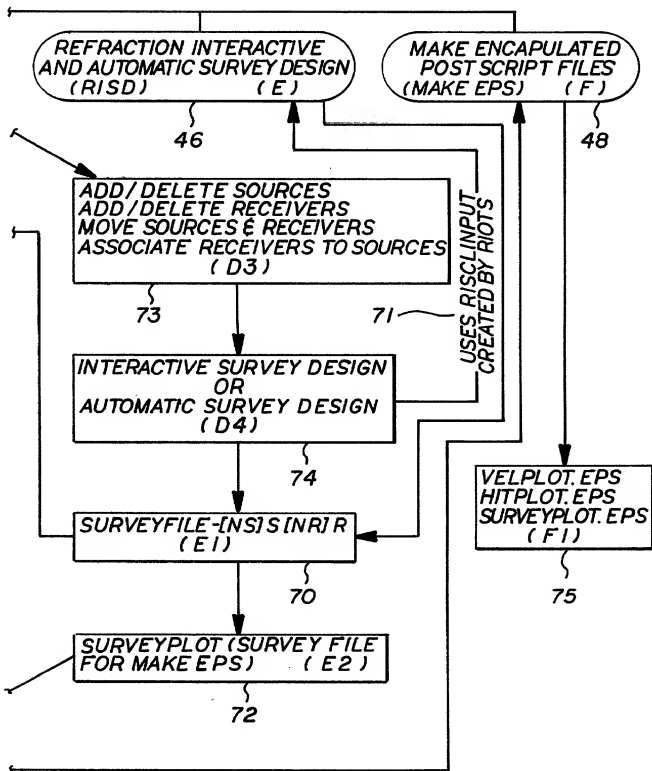
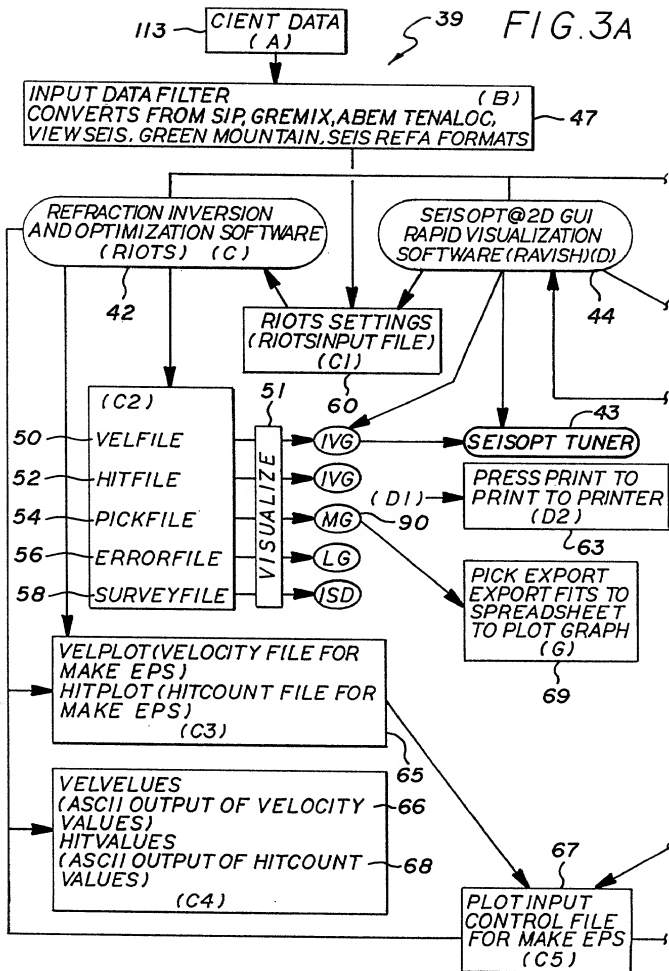


FIG.2B

0981071.122701

FIG. 3A



09811071.122701

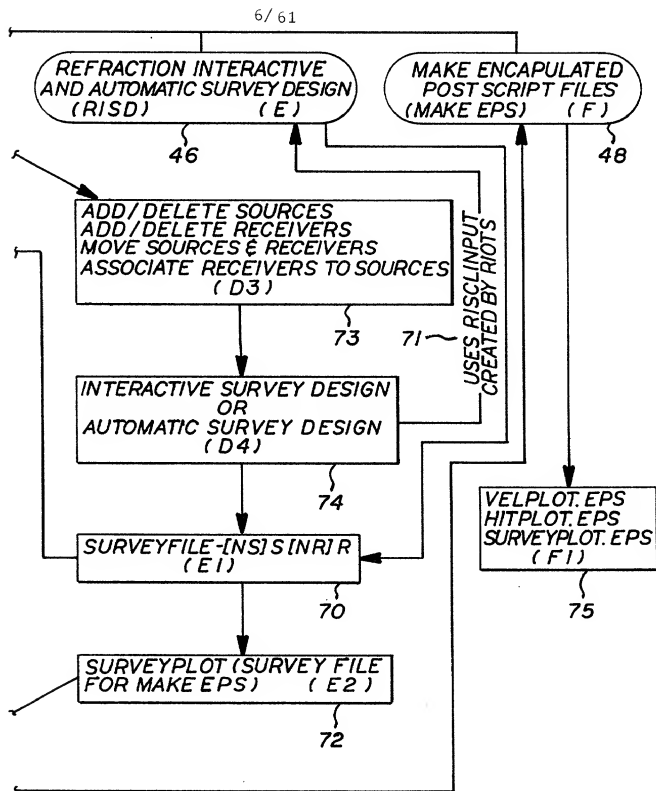
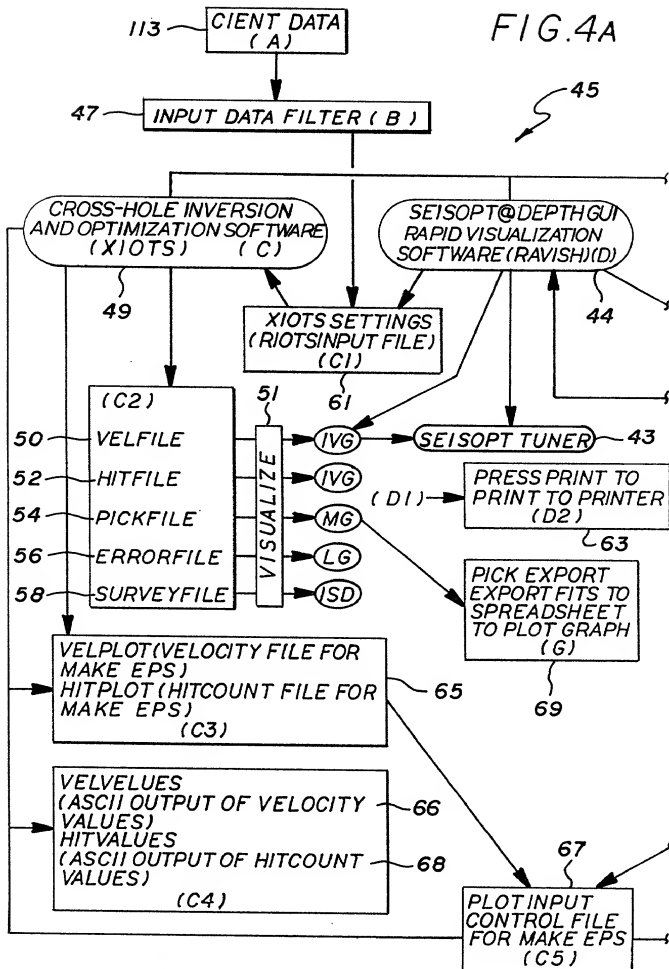


FIG.3B

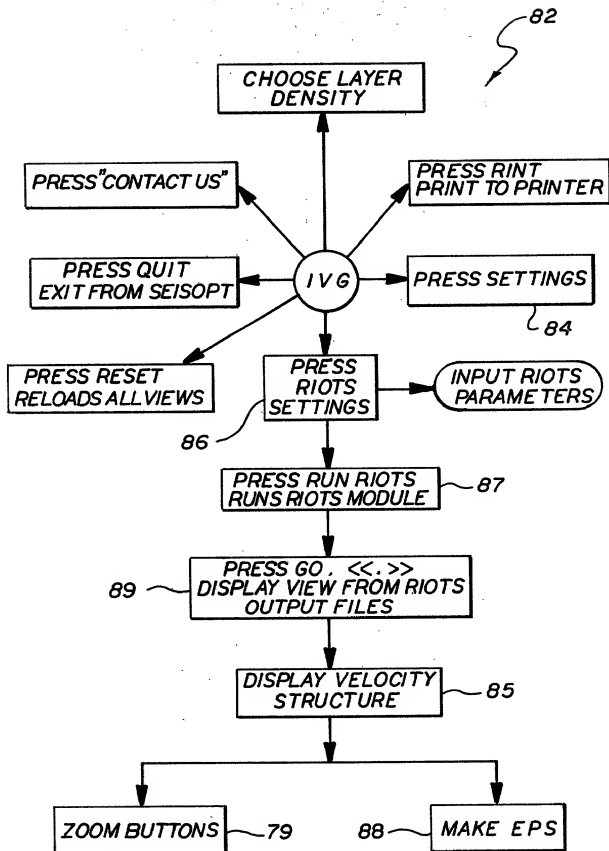






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FIG. 6



09811071.122701

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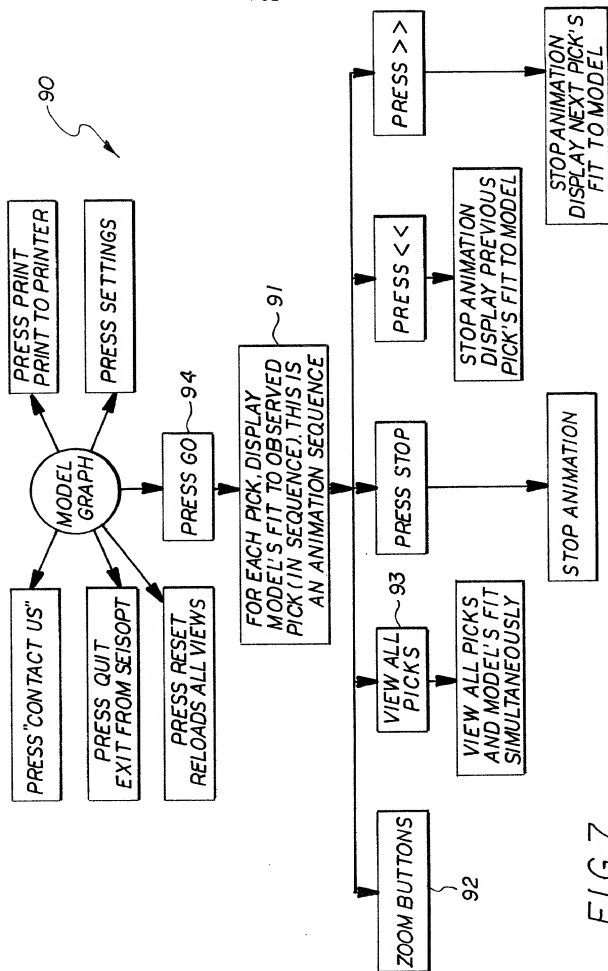
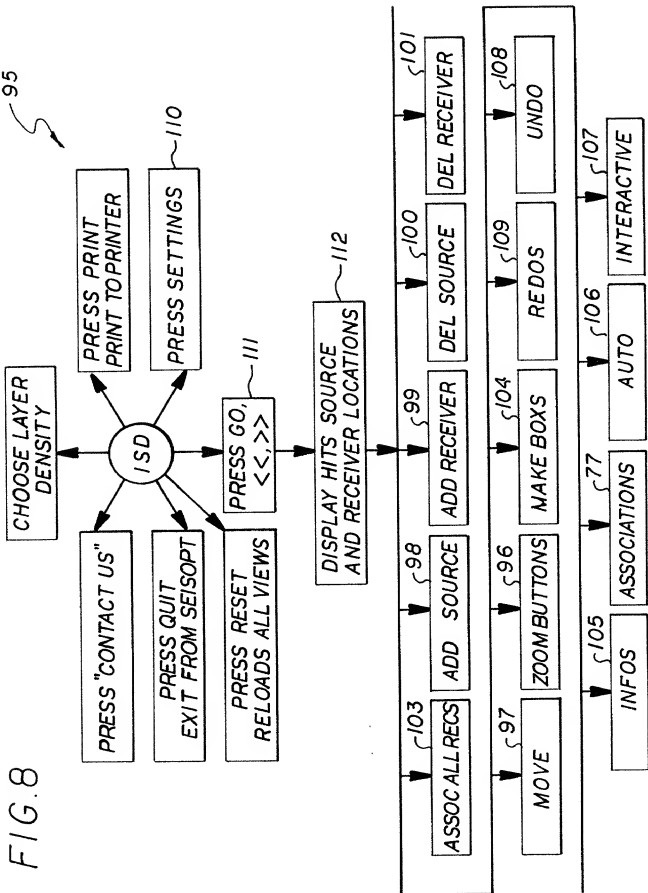


FIG. 7



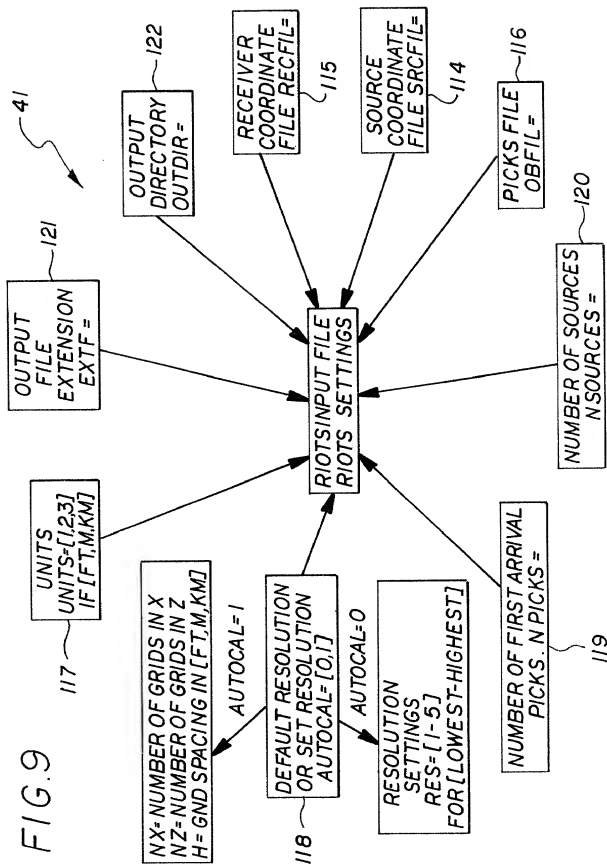


FIG. 10

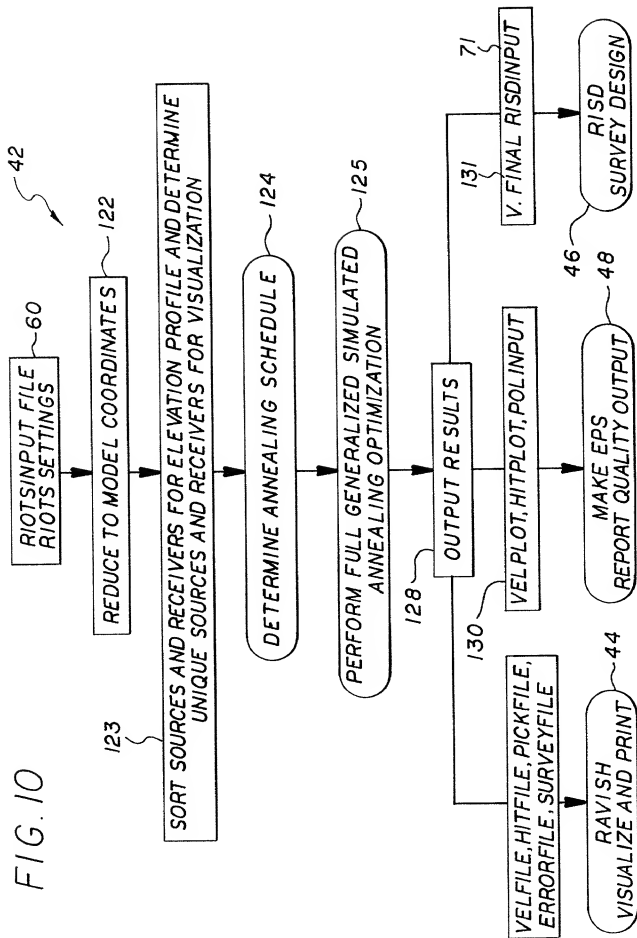
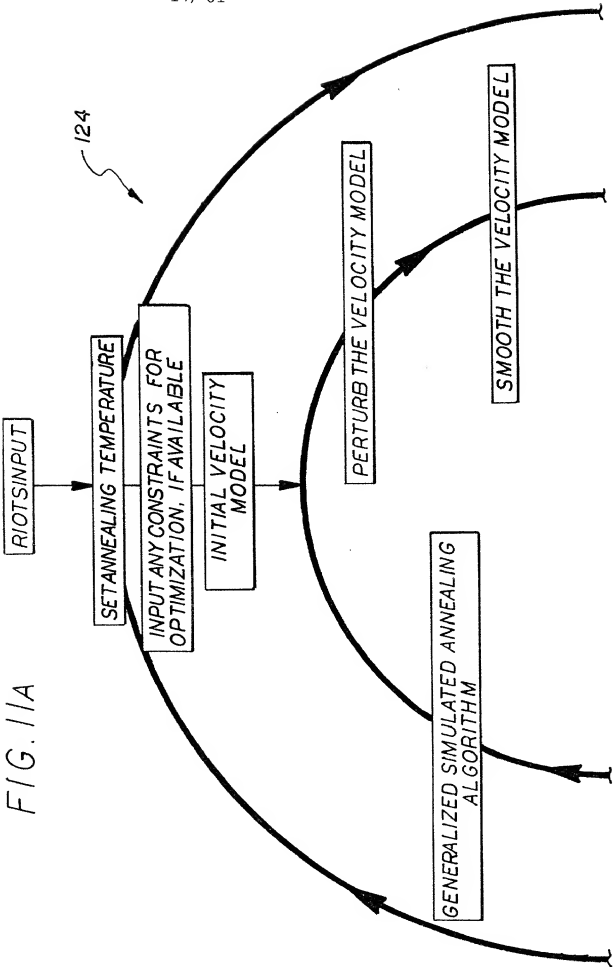


FIG. 11A



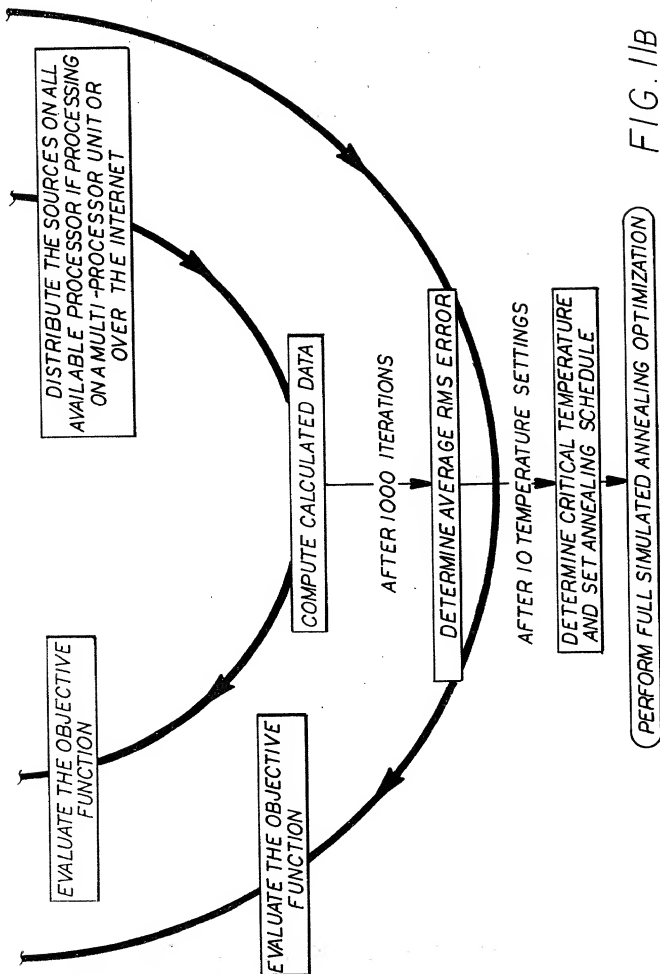
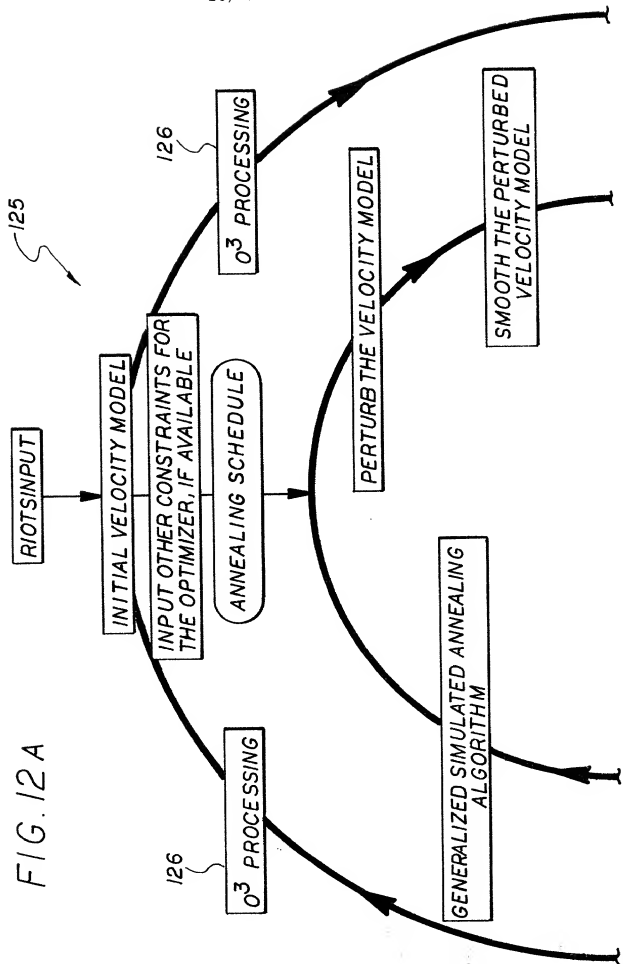


FIG. 11B





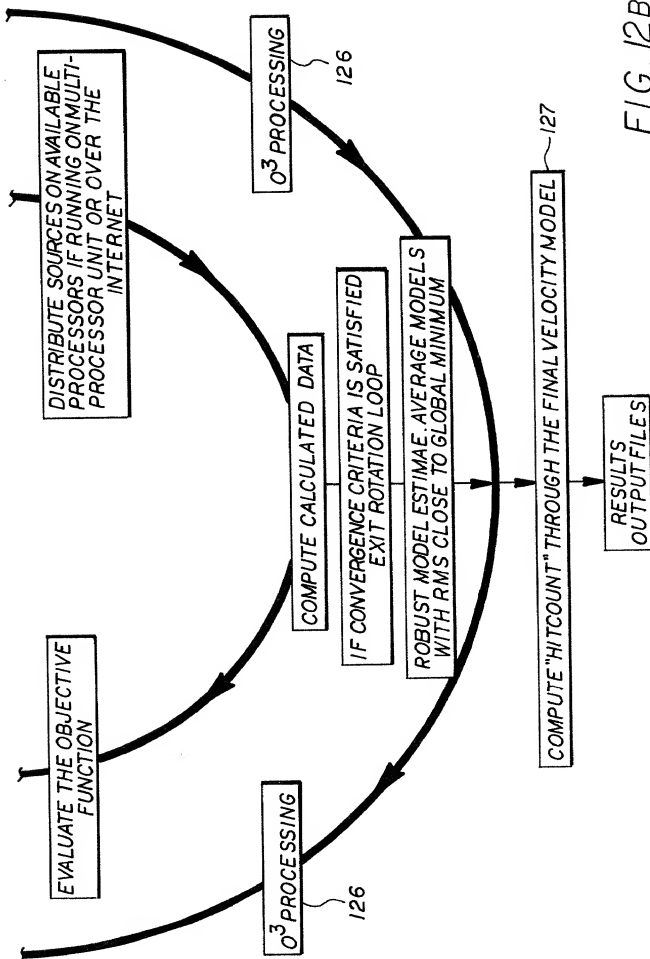
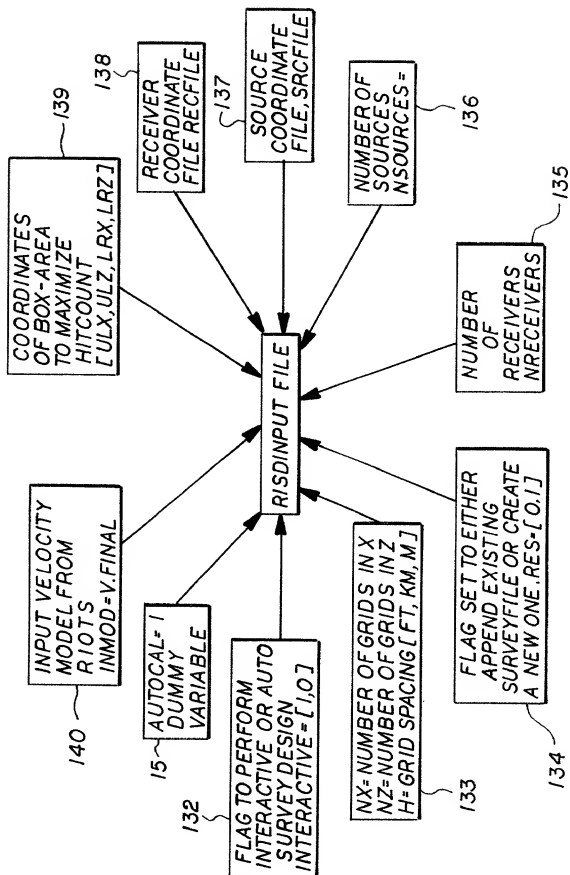


FIG. 12B

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FIG. 13



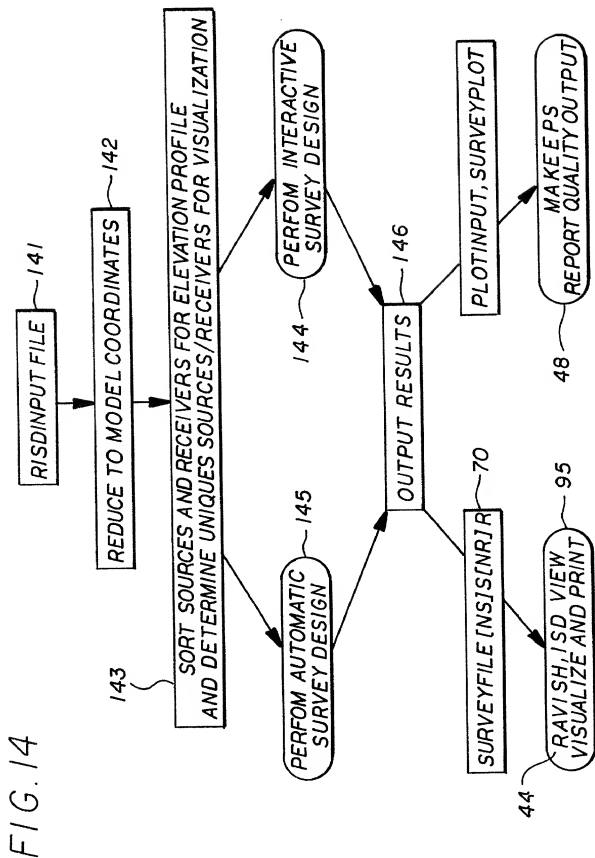
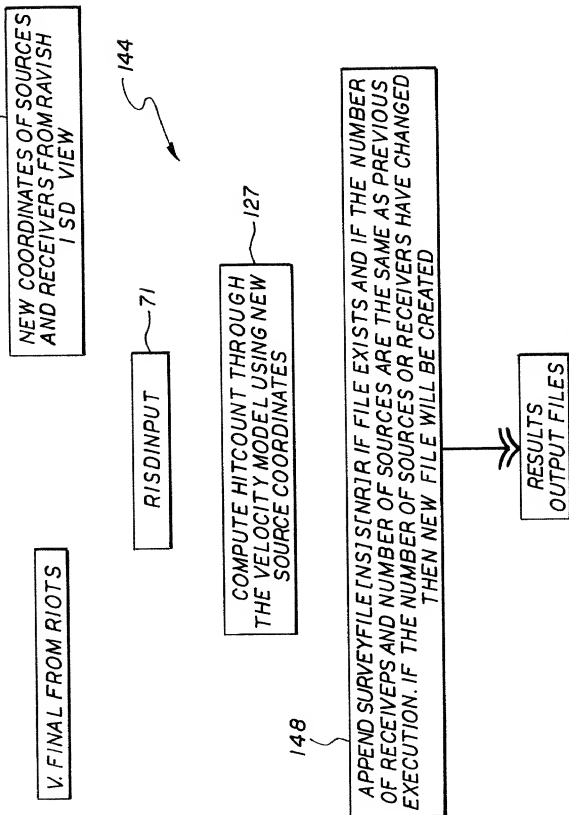
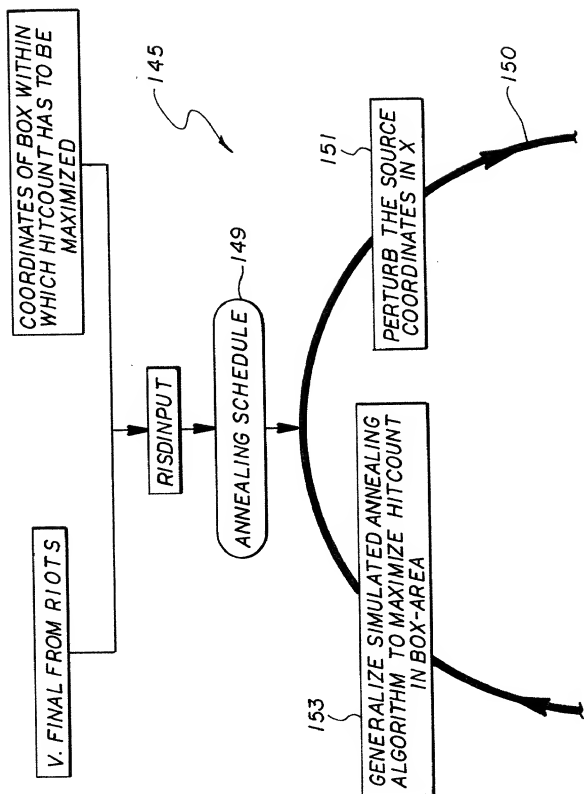


FIG. 15



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FIG. 16A



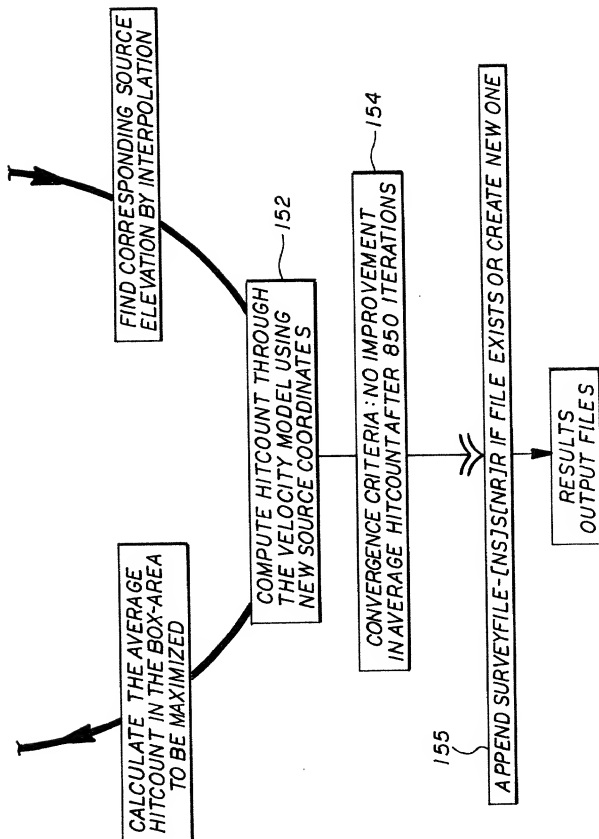


FIG. 16B

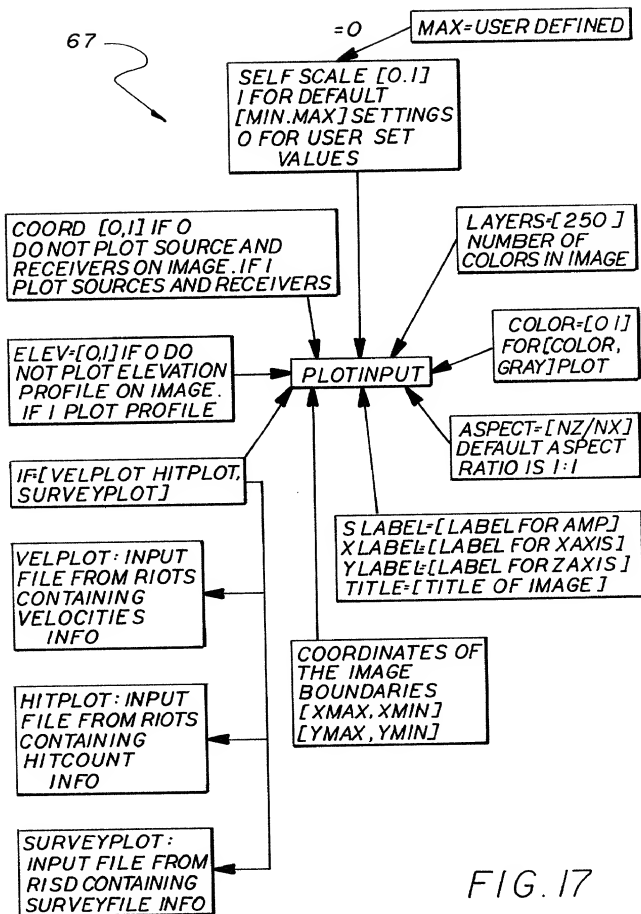


FIG. 17

FIG. 18

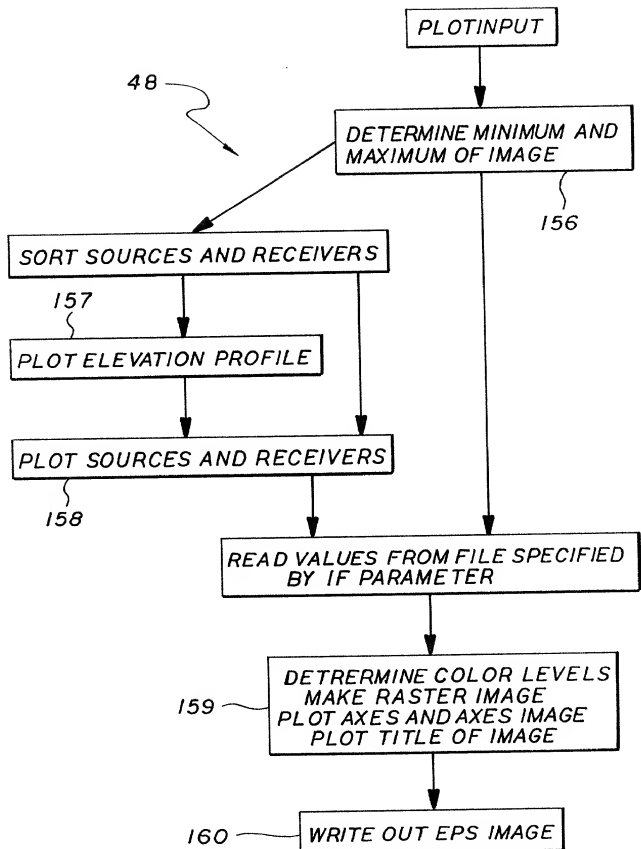
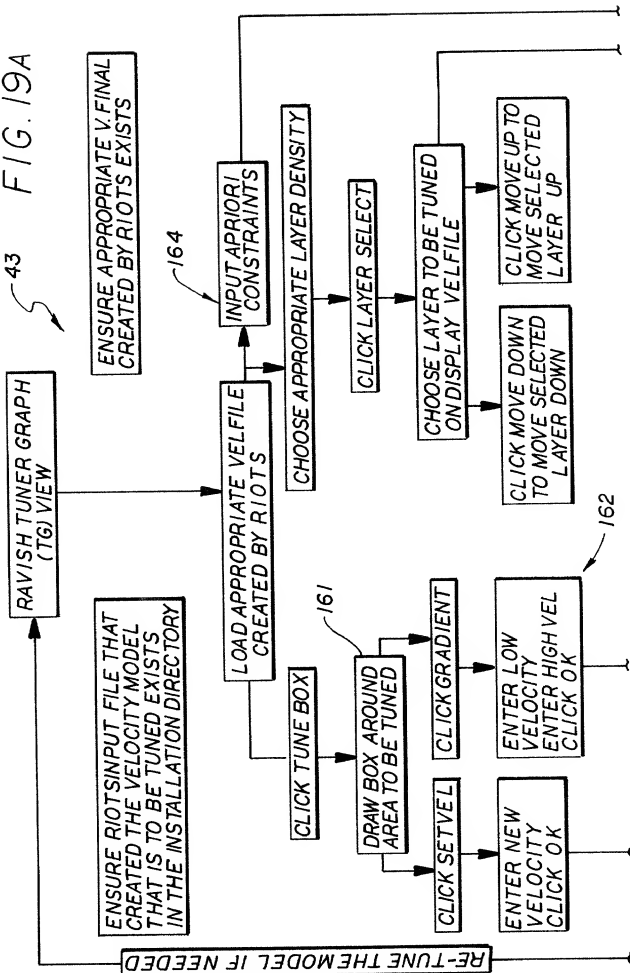




FIG. 19A

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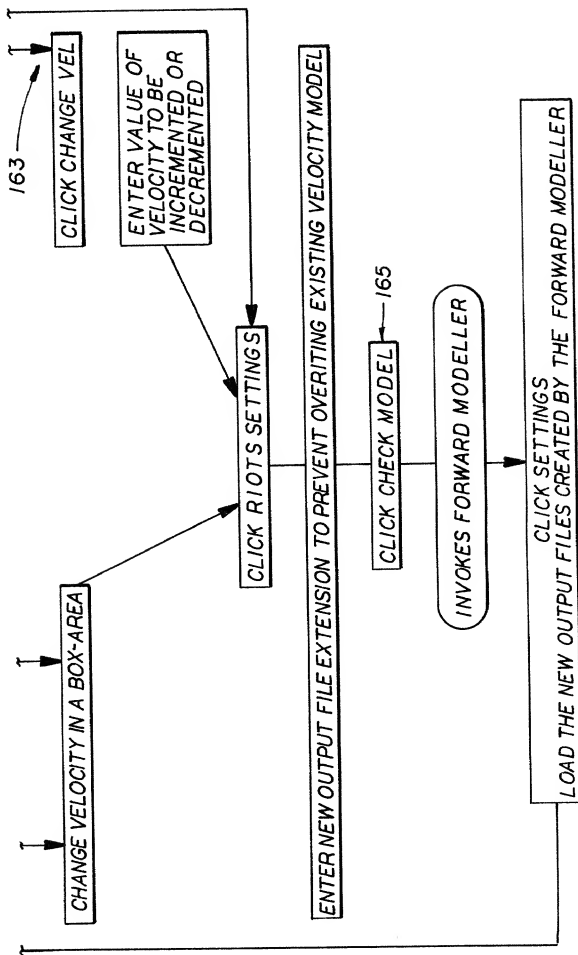


FIG. 19B

FIG. 20

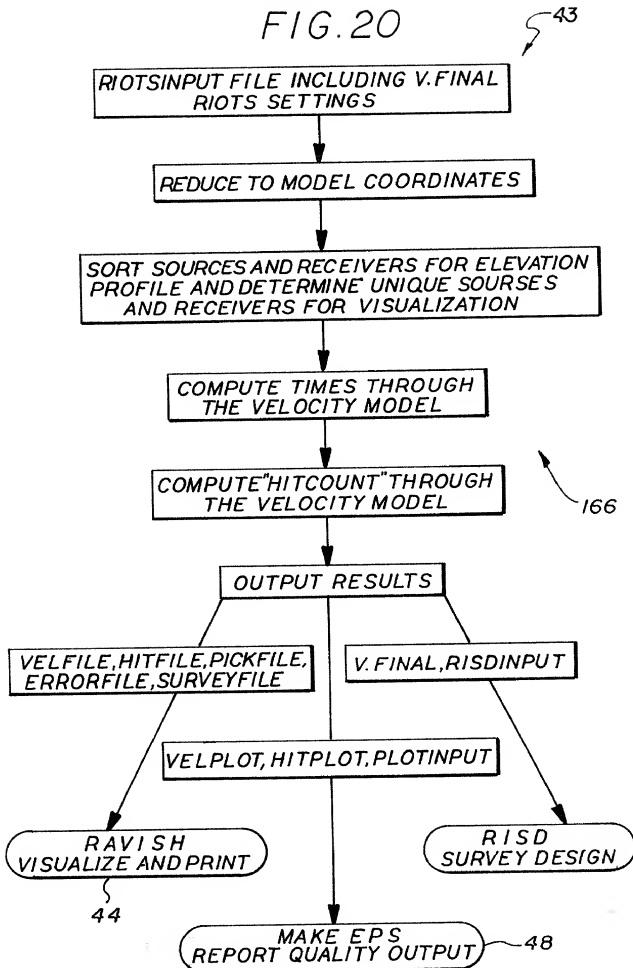
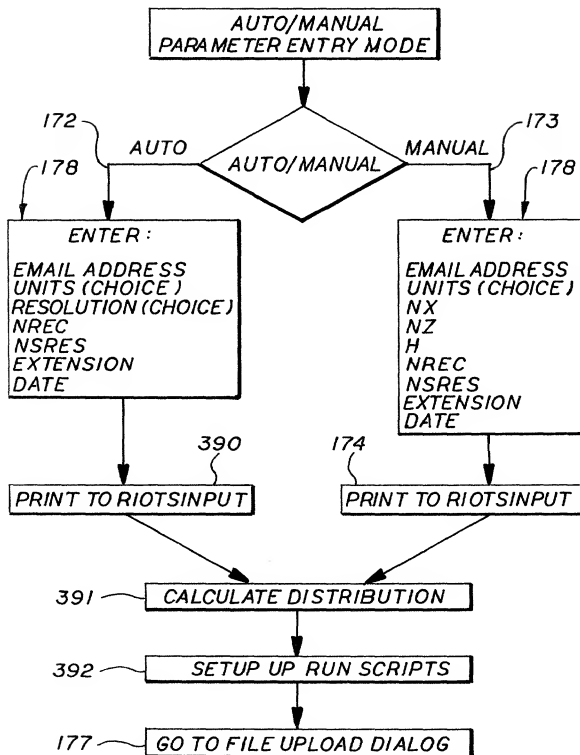
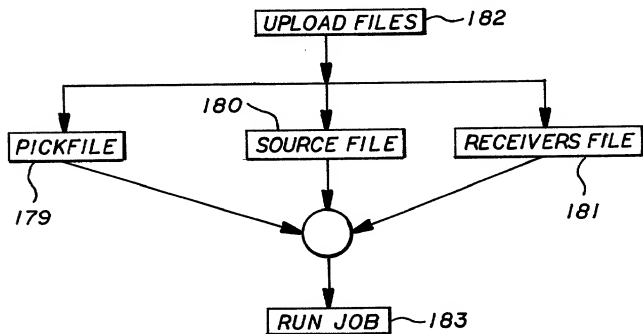
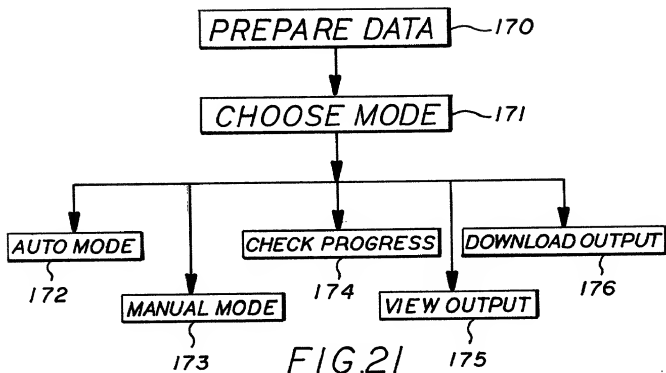


FIG.22





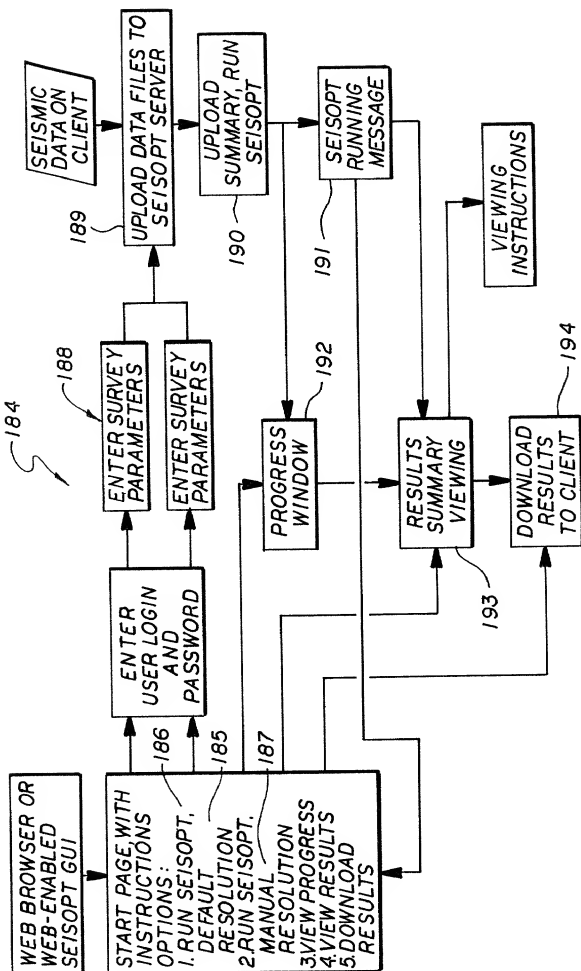


FIG. 24

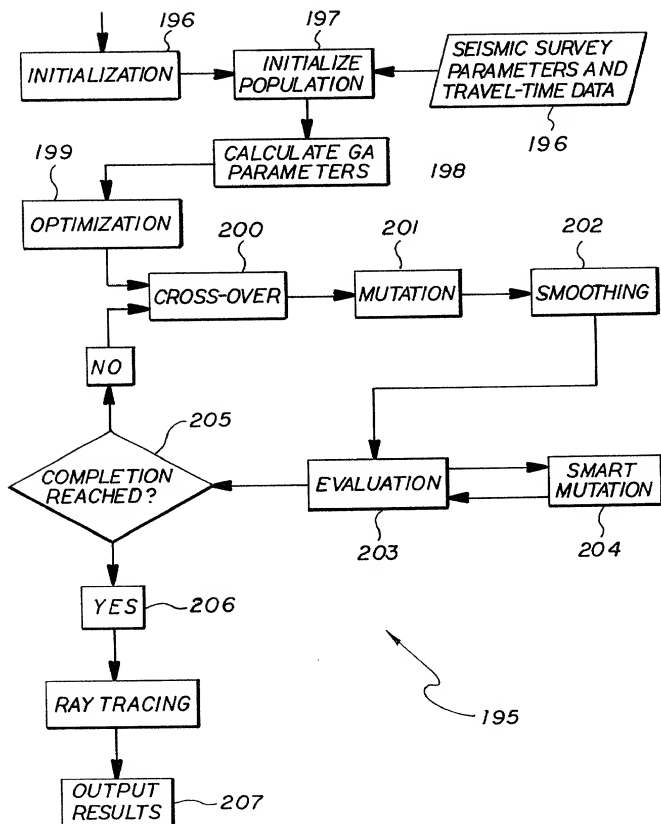


FIG. 25

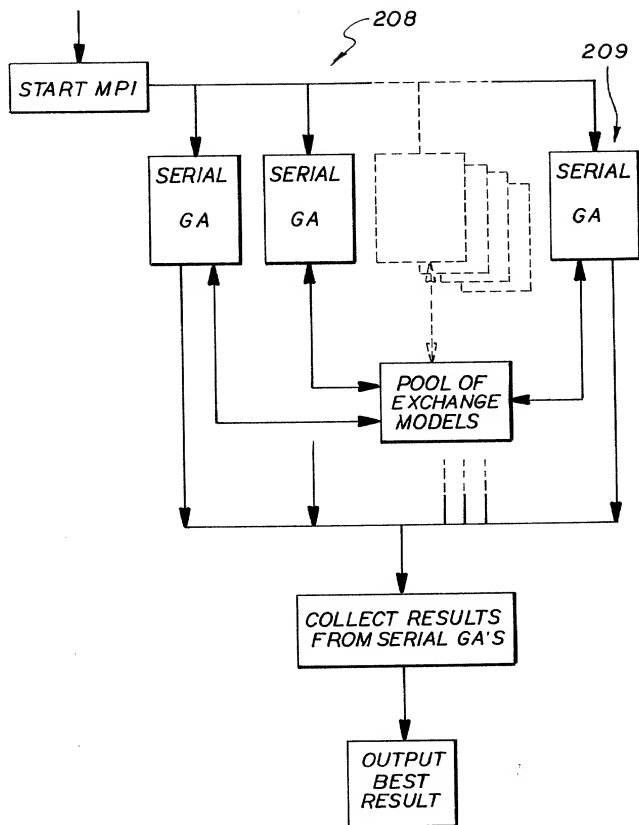


FIG.26





FIG. 28

RIOTS SETTINGS		223
AUTOCAL <input checked="" type="checkbox"/>		225
UNITS	KILOMETERS <input type="checkbox"/>	
226~ SOURCES FILE	DEMO3 DEMO3 OBS	BROWSE
227~ RECEIVERS FILE	DEMO3 DEMO3 OBS	BROWSE
228~ PICKS FILE	DEMO3 DEMO3 OBS	BROWSE
229~ RESOLUTION	HIGHEST <input type="checkbox"/>	
NX		
NZ		
H		
231~ SOURCE COUNT	5	
232~ PICK COUNT	120	
233~ OUTPUT DIRECTORY	DEMO3	BROWSE
234~ OUTPUT EXTENSION	/	
OK		CANCEL

FIG. 29

429

427

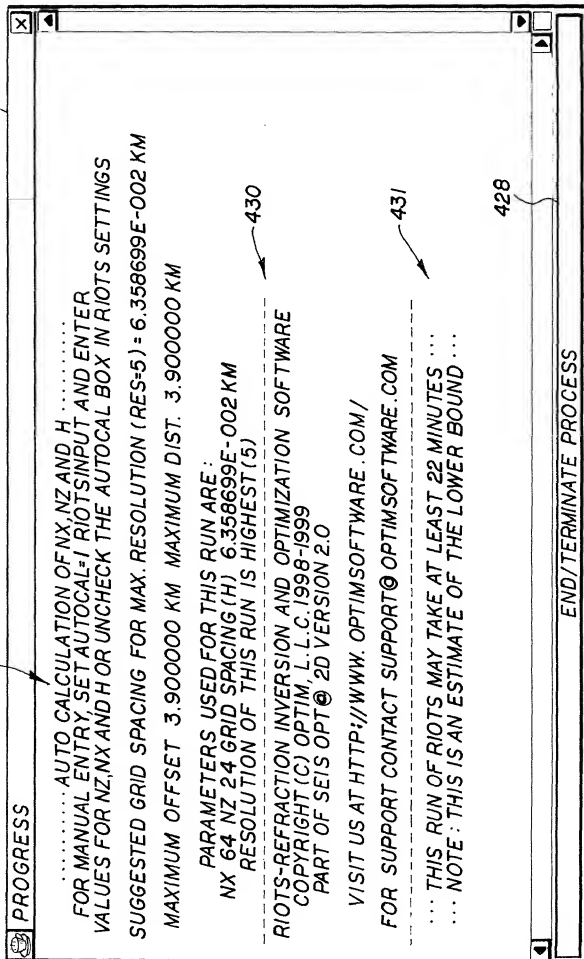


FIG. 30

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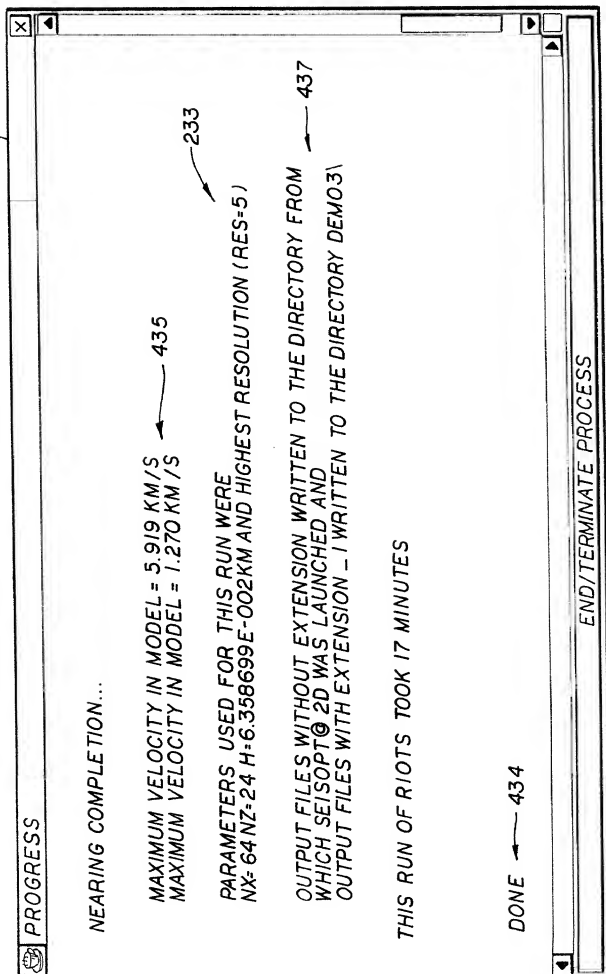
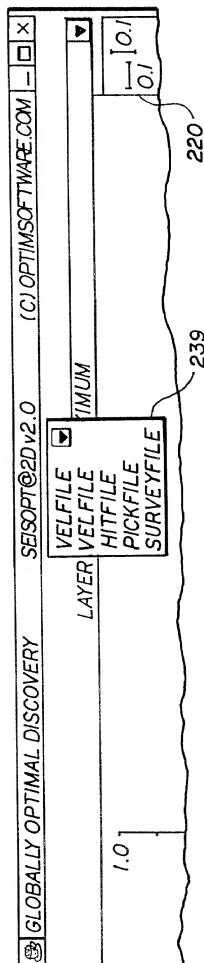


FIG. 31



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FIG. 32

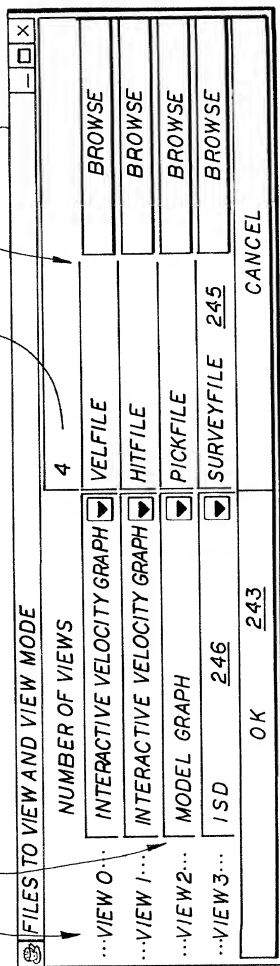


FIG.33

FILES TO VIEW AND VIEW MODE			
		NUMBER OF VIEWS	4
VIEW 0	INTERACTIVE VELOCITY GRAPH	DEM03 VELFILE_1	BROWSE
VIEW 1	INTERACTIVE VELOCITY GRAPH	DEM03 HITFILE_1	BROWSE
VIEW 2	MODEL GRAPH	DEM03 PICKFILE_1	BROWSE
VIEW 3	ISD	DEM03 SURVEYFILE_1	BROWSE
OK		243	CANCEL

SEISOPT@2Dv2.0		(C)OPTIM SOFTWARE.COM
VELFILE		
LAYER DENSITY	MAXIMUM	
	MAXIMUM	
	257	
	129	
	65	
	33	
	17	
	9	
	5	

FIG.35

FIG.34

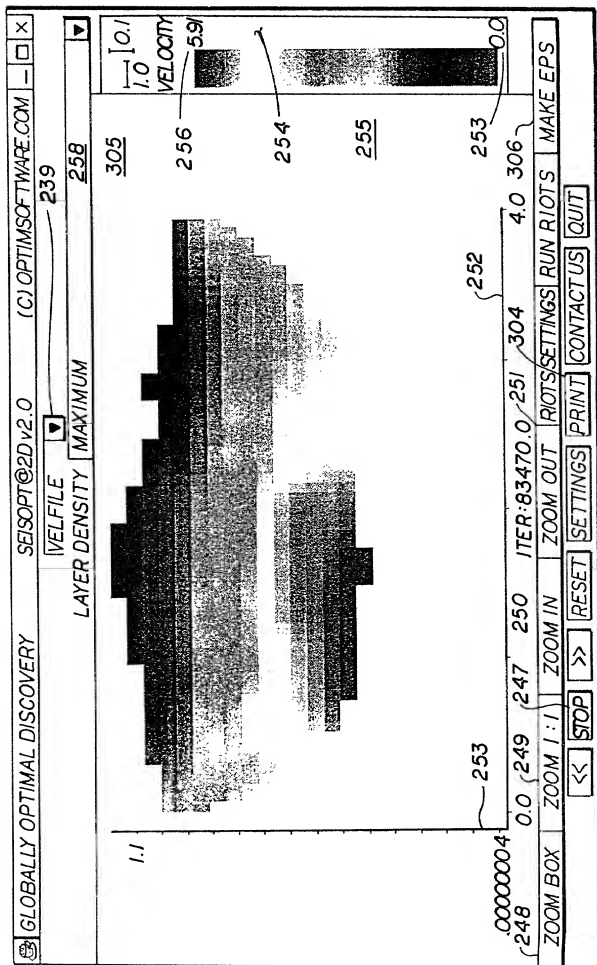


FIG. 36

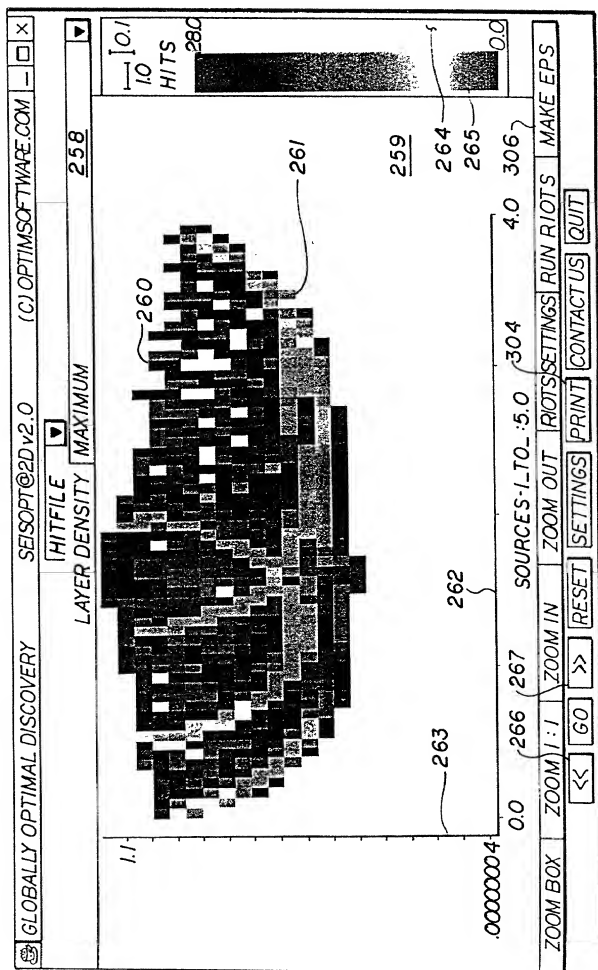




FIG. 37

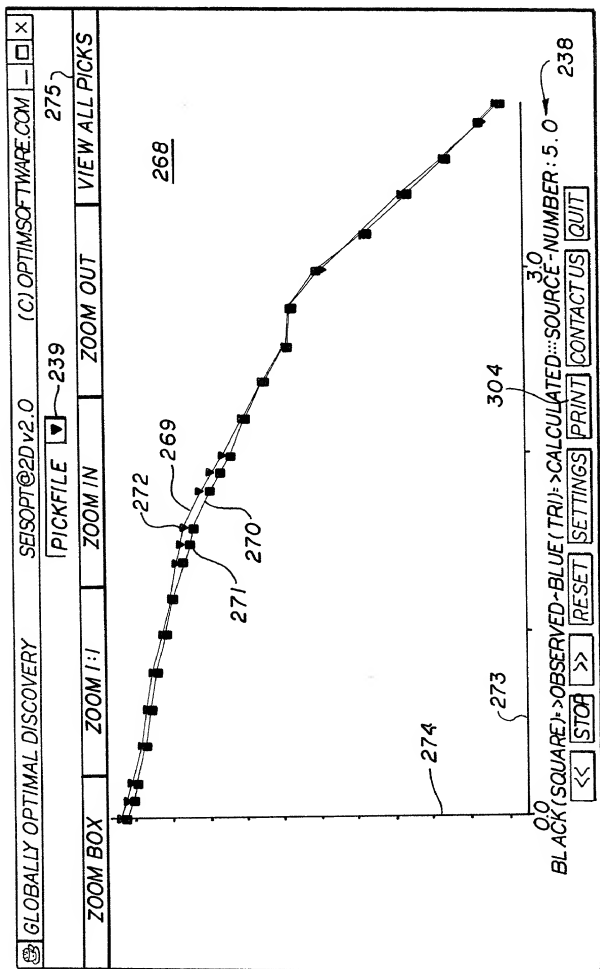


FIG.38

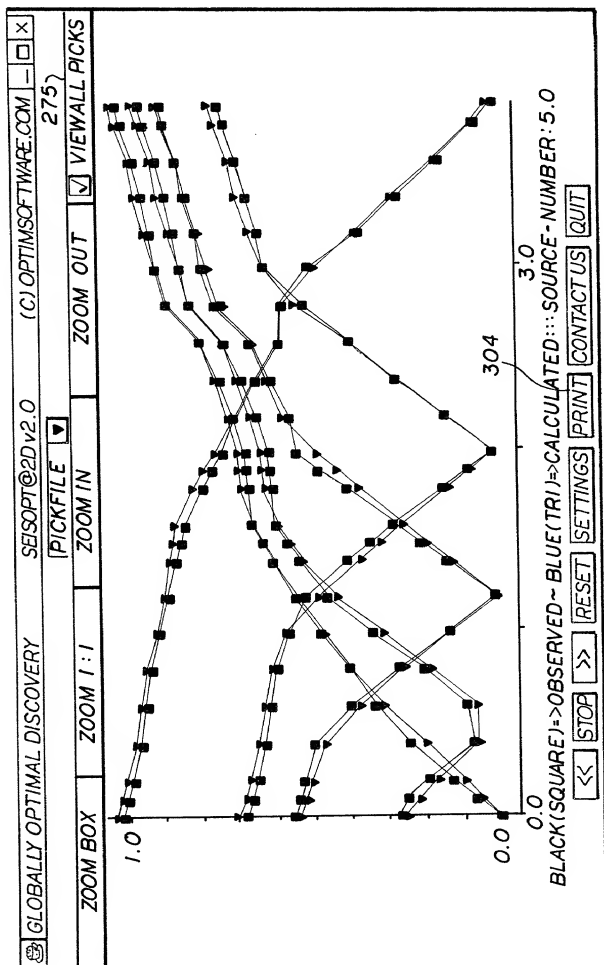


FIG.39

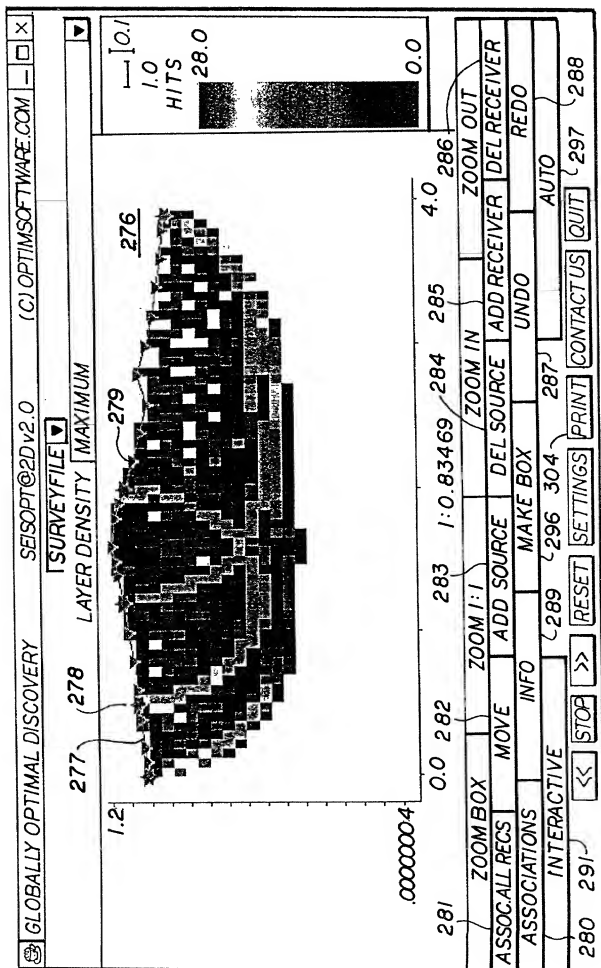


FIG.40

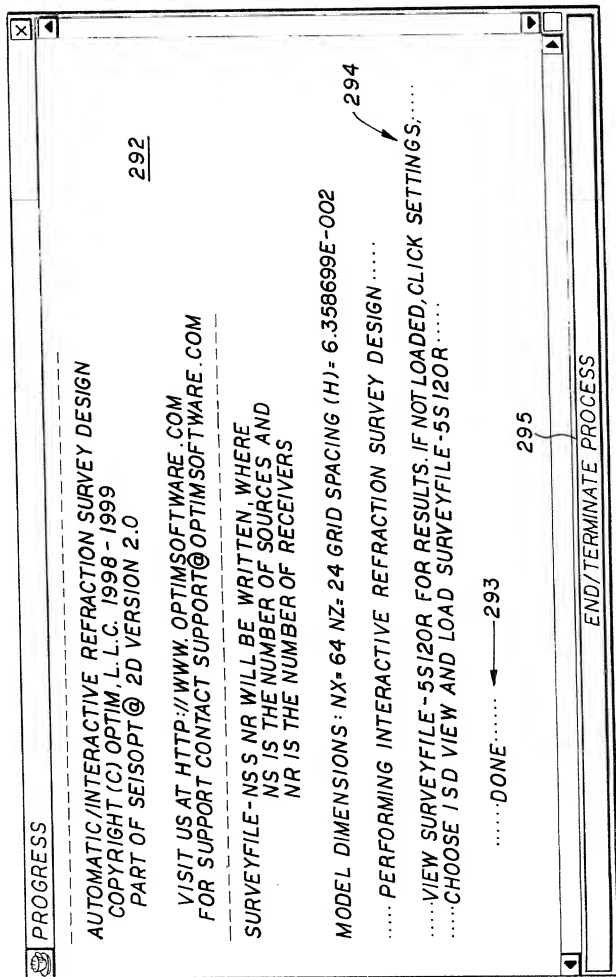


FIG. 41

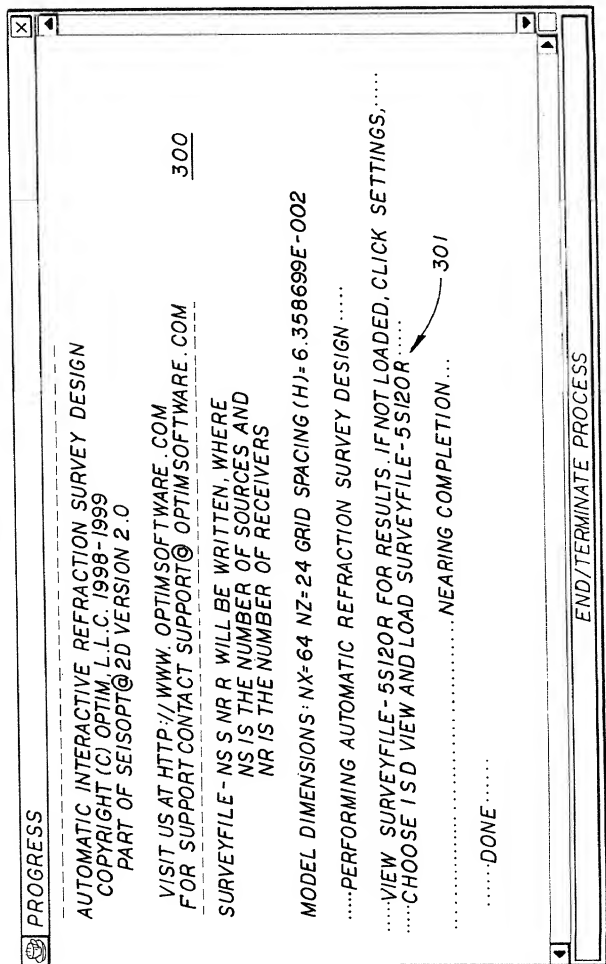


FIG. 43

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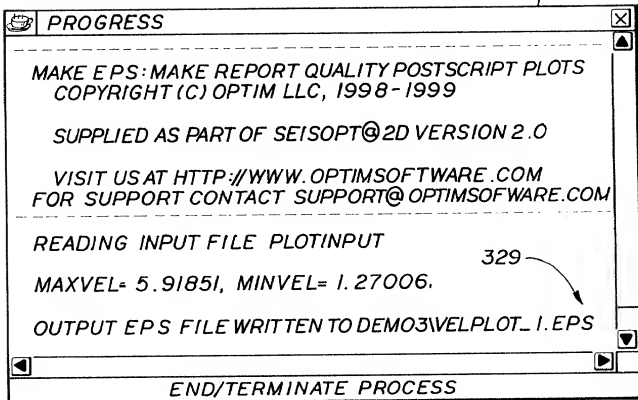


FIG. 46

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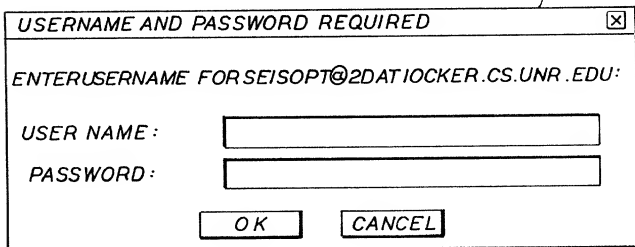


FIG. 42

MAKE EPS SETTINGS		[X]
310	PLOT SOURCES/RECVRS	<input type="checkbox"/>
311	PLOT ELEV PROFILE	<input checked="" type="checkbox"/>
312	INPUT FILE	DEMO3\VELPLOT.I <input type="button" value="BROWSE"/>
313	X MINIMUM	-0.063587
314	X MAXIMUM	4.005980
315	Y MINIMUM	-0.336088
316	Y MAXIMUM	1.190000
317	SCALE LABEL	VELOCITY, KM/S
318	AXIS LABEL	DISTANCE, KM
319	Y AXIS LABEL	ELEVATION, KM <u>307</u>
320	TITLE	VELOCITY MODEL
321	ASPECT RATIO	0.375000
322	USE COLOR	<input checked="" type="checkbox"/>
323	NUMBER OF COLORS	250
324	USE AUTO SCALE	<input checked="" type="checkbox"/>
325	MAXIMUM	<u>325</u>
326	MINIMUM	<u>326</u>
OK <u>327</u>		CANCEL

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FIG. 44

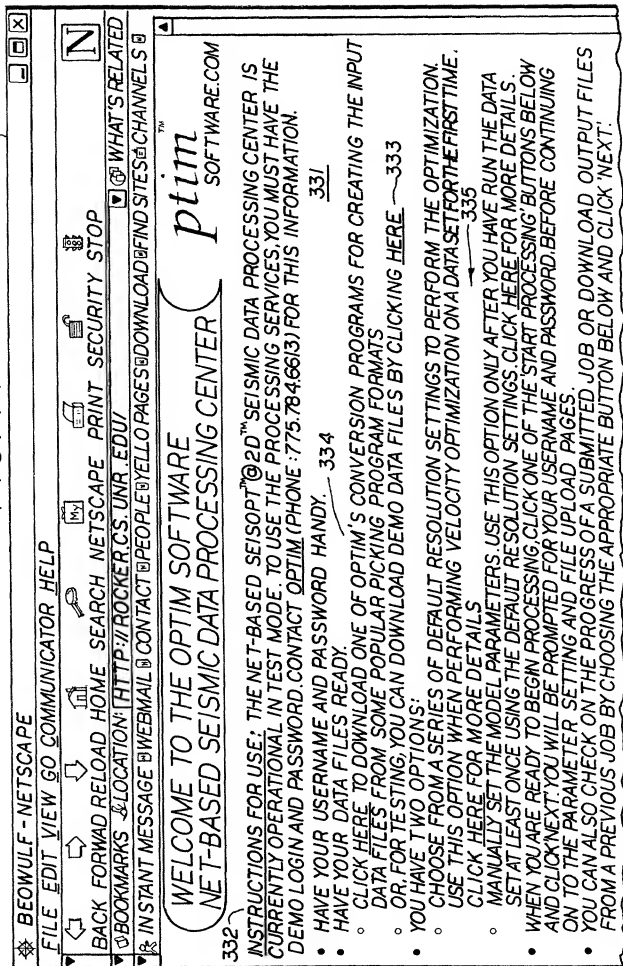




FIG. 45

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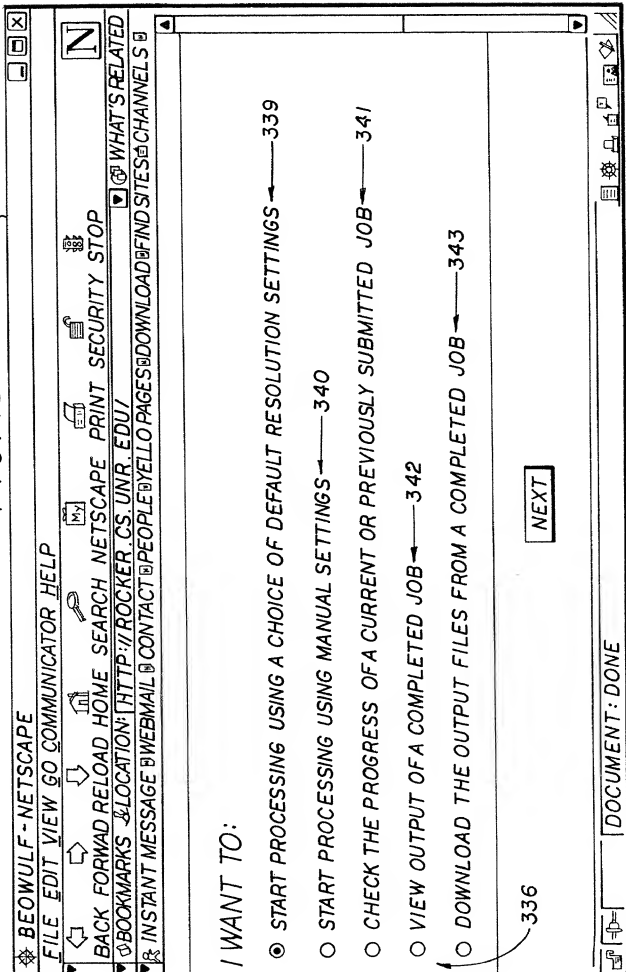


FIG. 47

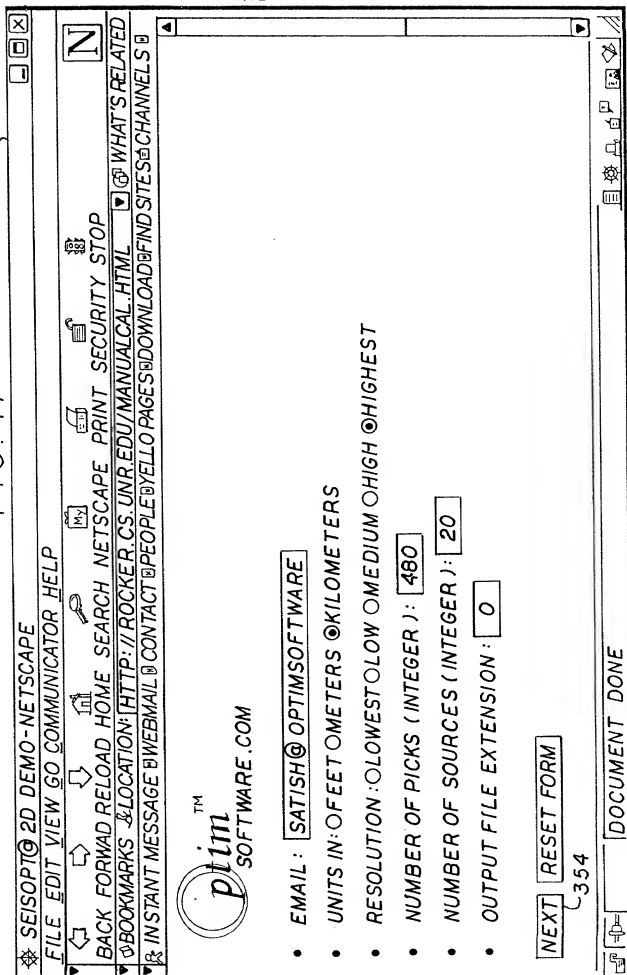


FIG. 48

SEISOPT 2D DEMO-NETSCAPE  
 FILE EDIT VIEW GO COMMUNICATOR HELP

BACK FORWARD RELOAD HOME SEARCH NETSCAPE PRINT SECURITY STOP

BOOKMARKS & LOCATION: HTTP://ROCKER.CS.UNR.EDU/MANUAL.CAL.HTML WHAT'S RELATED

INSTANT MESSAGE WEBMAIL CONTACT PEOPLE YELLOW PAGES DOWNLOAD FIND SITES CHANNELS

ptim<sup>TM</sup> SOFTWARE .COM

- EMAIL : SATISH c OPTIMSOFTWARE
- UNITS IN : 0 FEET 0 METERS 0 KILOMETERS
- NX (INTEGER) : 64
- NZ (INTEGER) : 24
- H (FLOATING POINT) : .063
- NUMBER OF PICKS (INTEGER) : 480
- NUMBER OF SOURCES (INTEGER) : 24
- OUTPUT FILE EXTENSION : 1

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NEXT RESET FORM

355 DOCUMENT : DONE

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FIG. 49

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DEMO - NETSCAPE  
 FILE EDIT VIEW GO COMMUNICATOR HELP

BACK FORWARD RELOAD HOME SEARCH NETSCAPE PRINT SECURITY STOP

BOOKMARKS LOCATION: HTTP://ROCKER.CS.UNR.EDU/FILEUPLOAD.HTML WHAT'S RELATED

INSTANT MESSAGE WEBMAIL CONTACT PEOPLE PAGE DOWNLOAD FIND SITES CHANNELS

ptim<sup>TM</sup>  
 SOFTWARE.COM

PLEASE UPLOAD YOUR DATA FILES

PICKS  
 FILENAME: C:\OPTIM\DEMOS\DEMONET\_OBS BROWSE...

SOURCE  
 FILENAME: C:\OPTIM\DEMOS\DEMONET\_SRC BROWSE...

RECEIVER  
 FILENAME: C:\OPTIM\DEMOS\DEMONET\_REC BROWSE...

GO 350 349

RESET FORM

DOCUMENT: DONE

FIG.50

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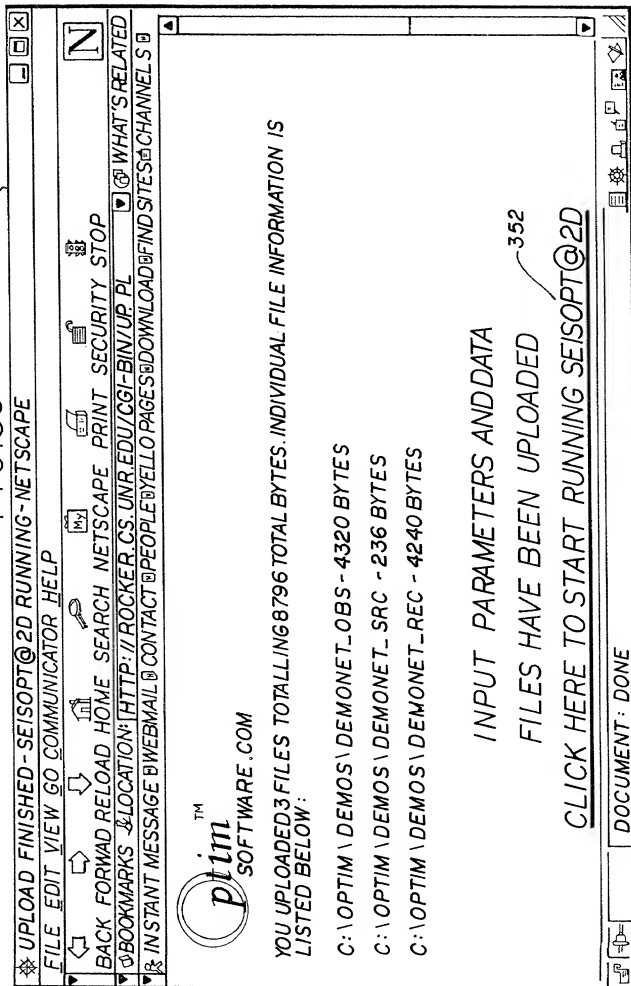
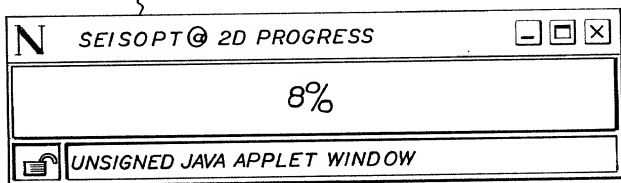


FIG. 51

JOB STARTED - NETSCAPE			
FILE EDIT VIEW GO COMMUNICATOR HELP			
BACK FORWARD RELOAD HOME SEARCH NETSCAPE PRINT SECURITY STOP			
BOOKMARKS LOCATION: HTTP://ROCKER.CS.UNR.EDU/TEST/JAPANDEMO/CHECK. WHAT'S RELATED			
INSTANT MESSAGE WEBMAIL CONTACT PEOPLE YELLO PAGES DOWNLOAD FIND SITES CHANNELS			
<p style="text-align: center;">YOUR JOB HAS BEEN STARTED</p> <p>THE PROGRESS BAR, THAT OPENS ON THE TOP LEFT CORNER OF YOUR SCREEN, WILL PROVIDE A ROUGH ESTIMATE OF THE STATUS OF YOUR JOB.</p> <p>ONCE THE JOB IS DONE YOU CAN VIEW AND DOWNLOAD THE OUTPUT FILES BY CLICKING THE APPROPRIATE BUTTONS ON THE <u>START PAGE</u></p> <p>OR</p> <p>YOU CAN <u>CLICK HERE</u> TO VIEW THE OUTPUT FILES ONCE THE JOB IS DONE</p> <p>PLEASE USE 'SHIFT-RELOAD' OR 'SHIFT-REFRESH' ON YOUR BROWSER TO MAKE SURE YOU ARE DISPLAYING THE MOST RECENT PAGE</p> <p>CONTACT <u>OPTIM</u> OR AT 775.784.6613 IF YOU HAVE ANY QUESTIONS</p>			
		TRANSFERRING DATA FROM ROCKER.CS.UNR.EDU	

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FIG. 52



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FIG. 53

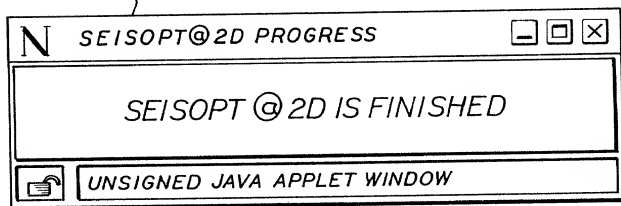


FIG. 54

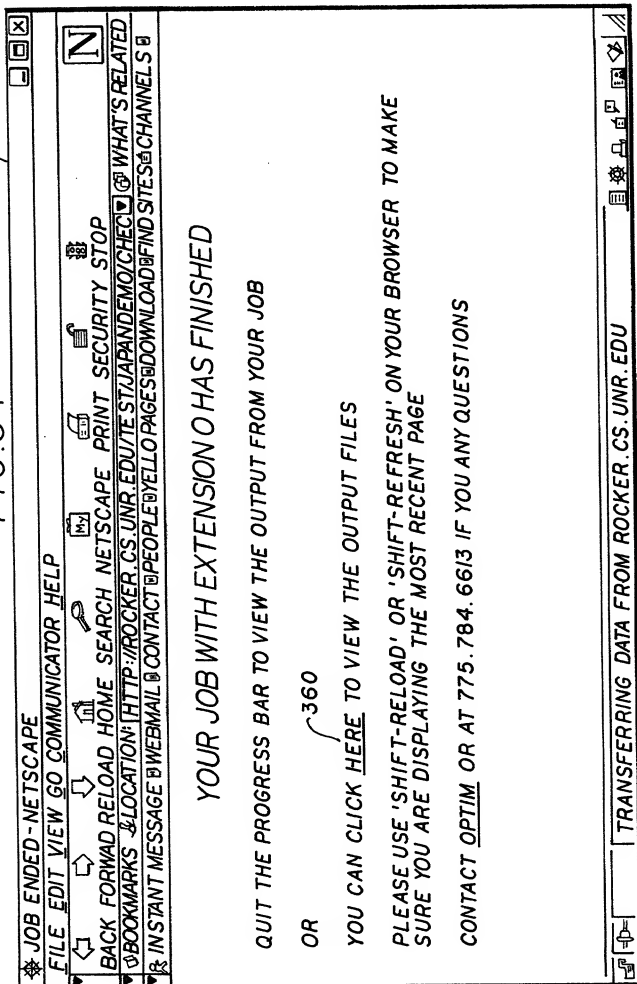




FIG. 55

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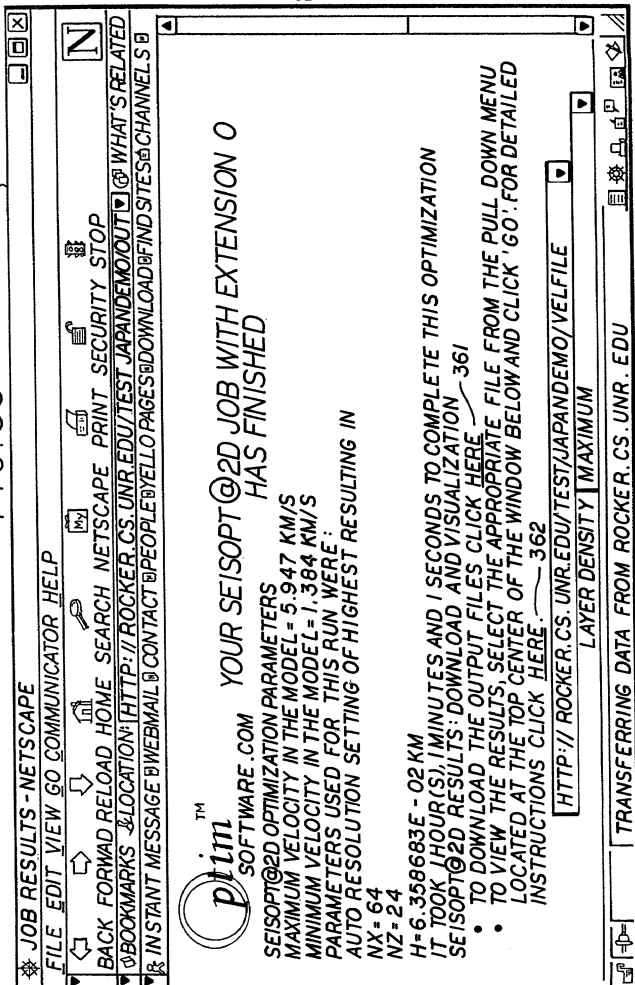


FIG.56

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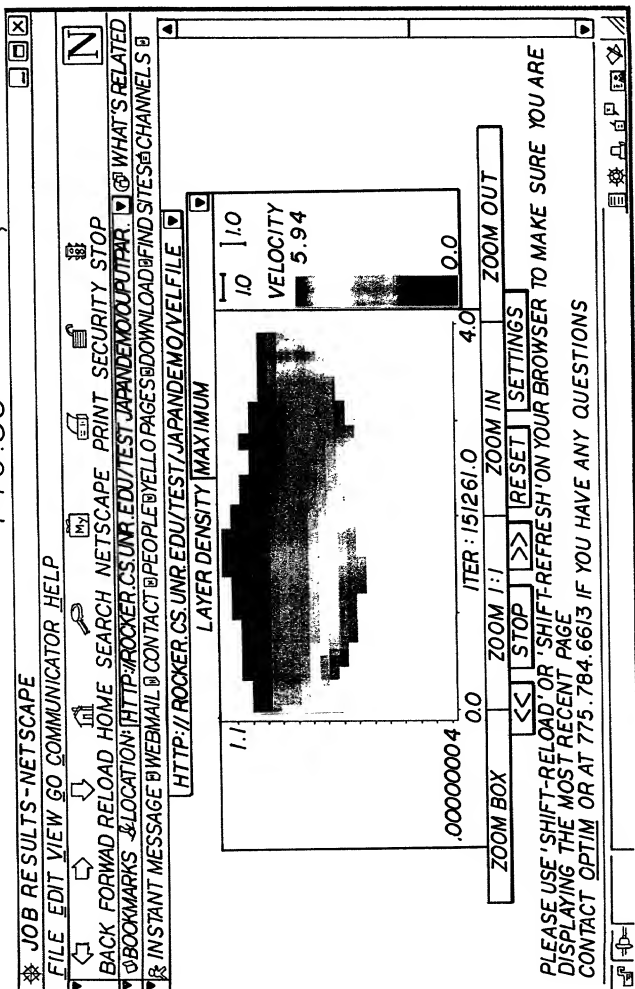


FIG.57

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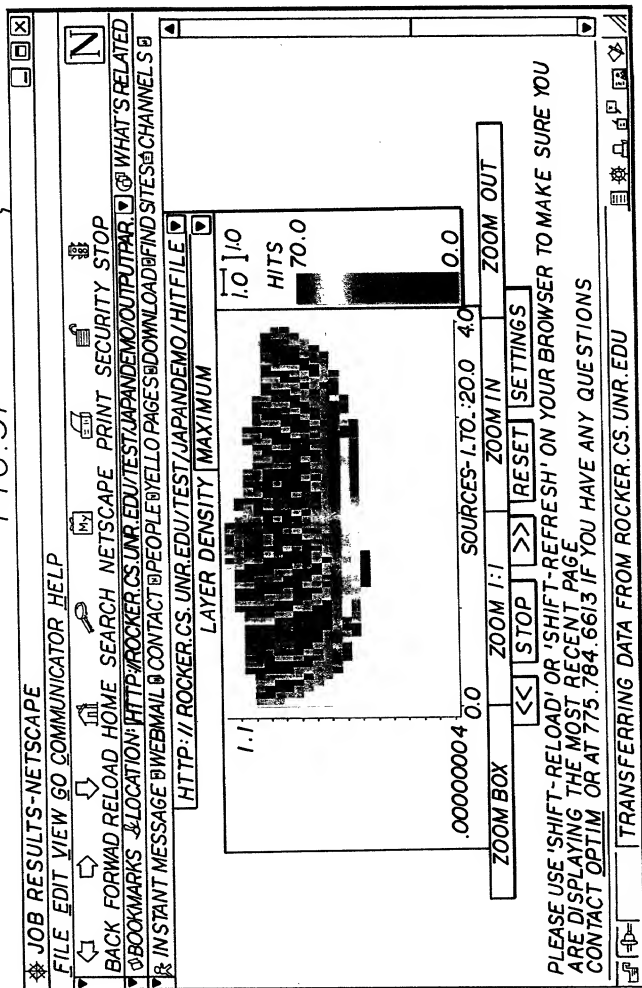


FIG.58

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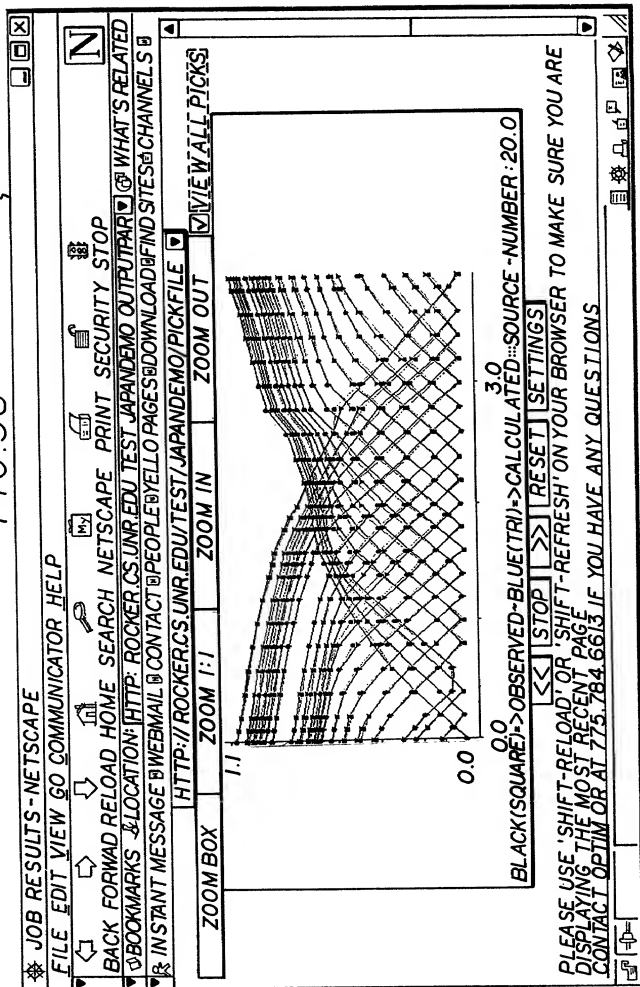


FIG. 59

INDEX OF /TEST/JAPANDEMO -NETSCAPE			
FILE EDIT VIEW GO COMMUNICATOR HELP			
BACK FORWARD RELOAD HOME SEARCH NETSCAPE PRINT SECURITY STOP			
BOOKMARKS & LOCATION: HTTP://ROCKY.CS.UNREDDUTEST/JAPANDEMO/  WHAT'S RELATED			
INSTANT MESSAGE WEBMAIL CONTACT PEOPLE YELLOW PAGES DOWNLOAD FIND SITES CHANNELS			
NAME	LAST MODIFIED	SIZE	DESCRIPTION
PARENT DIRECTORY	10-FEB-2000 19:19	-	
ERRORFILE 0	06-MAR-2000 09:20	6 K	
ERRORFILE P2	18-FEB-2000 11:01	10 K	
ERRORFILE PROGRESS	18-FEB-2000 10:54	10 K	
ERRORFILE TEST	18-FEB-2000 18:47	6 K	
ERRORFILE TEST1212	18-FEB-2000 10:27	10 K	
ERRORFILE TEST1E1212	18-FEB-2000 10:35	16 K	
HITFILE	06-MAR-2000 09:28	71 K	
HITFILE 0	06-MAR-2000 09:28	71 K	
HITFILE P2	18-FEB-2000 11:02	11 K	
HITFILE PROGRESS	18-FEB-2000 10:55	11 K	
HITFILE TEST	18-FEB-2000 18:54	71 K	
HITFILE TEST1212	18-FEB-2000 10:28	11 K	
HITFILE TEST1E1212	18-FEB-2000 10:36	6 K	
OUTPUTPAR.HTML	06-MAR-2000 09:28	3 K	
PICKFILE	06-MAR-2000 09:28	13 K	

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DOCUMENT DONE